ATTACHMENT 2- ORE FROM SATELLITE PITS

Refer To Department of Environmental Conservation Solid Waste Permit 0031-BA008 being processed concurrently with Department of Natural Resources proposed Ft. Knox Millsite Permit Addendum.

"1.2 Limitations

1.2.1 The waste materials covered under this section are limited to up to 50,000 tons per day as a weekly average of processed and neutralized ore, meeting the conditions in this permit, deposited in the tailings impoundment.

1.2.2 Ore from satellite pits may be processed at Fort Knox provided that the following procedures are followed and the Department determines that there will be no impact on mine closure, reclamation, or water quality.

1.2.2.1 Compare the chemistry of new ore to the chemistry of Ft. Knox ore and add any additional leachable constituents found in the new ore to Analytical Profile II in the Fort Knox Mine Monitoring Plan. Where required under this permit, use this revised Profile II for all monitoring.

1.2.2.2 Determine the ore ratios (Tons of ore being processed at Ft. Knox to tons Satellite Pit ore) and perform Meteoric Water Mobility Procedure on individual and mixed ore samples prior to beneficiation. Analyze rinse water and leachate using Profile II.

1.2.2.3 Perform acid base accounting on individual samples and mixed ore (ratios) prior to beneficiation. If net neutralization potential (NP) to acid generating potential (AP) is less than 3:1, a humidity cell test (kinetic) of adequate duration will be required. Leachate analysis will use Profile II.

1.2.2.4 Perform acid base accounting on mixed ore (ratios) after beneficiation. If NP to AP ratio is less than 3:1, a humidity cell test (kinetic) of adequate duration will be required. Leachate analysis will use Profile II.

1.2.2.5 Characterize the processed tailing liquor (post cyanide detoxification) using Profile II. Compare to the original Fort Knox liquor."

1.2.2.6 Perform Meteoric Water Mobility Procedure on processed tailing solids (after cyanide detoxification) using Profile II. Compare to original Fort Knox data.

1.2.2.7 Assess impacts to water quality as they relate to monitoring, closure, tailings, water quality, or any other permit condition from the proposed changes to the beneficiation process through a comparison of analytical results required by Section 1.2.2. If water quality varies significantly for the proposed action, a method approved by the Department will be used to predict resultant water chemistry.

1.2.2.8 Submit each of the above to the department for review and approval before processing ore from each new satellite pit.